

Title (en)

Mowing device having improved drive and/or a crop separating drum.

Title (de)

Mähwerk mit verbessertem Antrieb und/oder getreideabteilender Trommel.

Title (fr)

Dispositif faucheur à entraînement perfectionné et/ou tambour séparateur de la récolte.

Publication

**EP 0118952 A1 19840919 (EN)**

Application

**EP 84200306 A 19840302**

Priority

NL 8300800 A 19830304

Abstract (en)

A mowing device comprises a frame (1) movable across a field and a cutter bar (2) carried by said frame and having a plurality of cutting members (6) rotatably driven about standing shafts (5) through a transmission (15) housed in said bar, said frame being adapted to accommodate crop crushing means (3) at a higher level than the cutter bar, wherein a common main drive (7) rotates one of the outermost cutting members and, if necessary, the crushing means through an intermediate drive arranged in a rotating drum on top of said outermost cutting member. In order to limit the disadvantage of crop winding around the drum at low numbers of revolution and to minimize the imbalance of fast rotating cutting members the drum of the mowing device is constructed in the form of two coaxial, aligned drum parts (18, 18"), between which a gap-shaped space (5) is left free.

IPC 1-7

**A01D 35/264**; **A01D 63/02**; **A01D 43/10**; **A01D 57/30**

IPC 8 full level

**A01D 34/66** (2006.01); **A01D 34/76** (2006.01); **A01D 57/30** (2006.01)

CPC (source: EP US)

**A01D 34/66** (2013.01 - EP US); **A01D 57/30** (2013.01 - EP US); **Y10S 56/01** (2013.01 - EP US)

Citation (search report)

- [Y] FR 2078348 A5 19711105 - BUCHER GUYER AG MASCH
- [Y] NL 7307171 A 19741126
- [A] DE 1582146 A1 19700430 - BAUTZ GMBH JOSEF
- [A] DE 1582248 A1 19700730 - HAGEDORN GEB & CO
- [A] GB 2015857 A 19790919 - KUHN SA
- [A] FR 2405004 A1 19790504 - PATENT CONCERN NV [NL]
- [A] US 3063226 A 19621113 - PFAUSER EDWARD M
- [A] US 2782585 A 19570226 - REO HERVEY PAUL
- [A] GB 2023393 A 19800103 - MULTINORM BV
- [A] FR 2255839 A1 19750725 - MULTINORM BV [NL]

Cited by

US4838013A; EP0391478A1; NL8900804A; FR2759533A1; EP0861582A1; US6101796A; FR2584564A1; EP0213052A1; FR2590441A2; EP0642731A1; NL9301441A; EP0267659A3; US4860527A; EP0688493A1; EP0622009A1; EP0338649A1; US4951450A; AU620392B2

Designated contracting state (EPC)

BE DE FR GB NL SE

DOCDB simple family (publication)

**EP 0118952 A1 19840919**; **EP 0118952 B1 19870916**; BR 8401110 A 19841016; DE 3466158 D1 19871022; DK 133084 A 19840905; DK 133084 D0 19840229; DK 158813 B 19900723; DK 158813 C 19901217; ES 530250 A0 19841101; ES 8500704 A1 19841101; JP S59198910 A 19841110; NL 8300800 A 19841001; US 4575997 A 19860318; YU 40184 A 19871031

DOCDB simple family (application)

**EP 84200306 A 19840302**; BR 8401110 A 19840302; DE 3466158 T 19840302; DK 133084 A 19840229; ES 530250 A 19840302; JP 4061484 A 19840305; NL 8300800 A 19830304; US 58554384 A 19840302; YU 40184 A 19840305